

Application No. 09/550,476

Attorney Docket No. KLR 7146.019


VERSION WITH MARKINGS TO SHOW CHANGES MADE

1.(Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of traffic monitors, each said traffic monitor comprising at least a detector and a transmitter, said detector providing a signal including data representative of vehicular movement and said transmitter transmitting said signals;
- (b) a receiver, remotely located from said transmitter, that receives said signals transmitted by said traffic monitors; and
- (c) a computer system interconnected with said receiver and said network;
- (d) a mobile user station connected to a global positioning system receiver, a display, and a communicating device; [and]
- (e) said computer system, in response to a request for traffic information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations traffic information representative of said signals transmitted by said traffic monitors[.]
- (f) wherein said traffic information transmitted by said computer system is displayed graphically on said display; and
- (g) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits map information representative of a portion of said map database, and said map information representative of said map database is displayed graphically together with said traffic information.

3. The system of claim [2] 1 wherein said traffic information is displayed together with a video image.

4. The system of claim [2] 1 wherein said traffic information is displayed with



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a text message.

16. (Amended twice) A system for providing traffic information to a plurality of mobile users connected to a network, comprising:

- (a) a plurality of vehicles, each said vehicle comprising at least a mobile user station, a global positioning system receiver and a transmitter, said mobile user station providing a signal including data representative of a location of said mobile user station and at least one of a speed of said vehicle and an identification code of said mobile user station and said transmitter transmitting said signal;
- (b) a receiver that receives said signals transmitted by said user stations; [and]
- (c) a computer system interconnected with said receiver and said network, said computer system, in response to a request for information from one of said mobile user stations, providing in response thereto to said one of said mobile user stations information representative of said signals transmitted by said mobile user stations[.]
- (d) wherein said vehicle further comprises a display and said information transmitted by said computer system is displayed graphically on said display; and
- (e) wherein said computer system has a map database, and said computer system, in response to said request for information, transmits information representative of a portion of said map database, and said information representative of said map database is displayed graphically.

20. The system of claim [17] 16 wherein the location of said one of said mobile user stations is displayed graphically on said display together with said traffic information provided by said computer system.

21. The system of claim [17] 16 wherein said mobile user station has an input mechanism to select different modes of displaying traffic information on said display.

